

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-58. (Cancelled)

59. (Currently Amended) An electrocardiogram display method for displaying an electrocardiogram in an output region based on electrocardiogram measurement data, comprising the steps of:

receiving electrocardiogram measurement data including noise which affects a display position of an electrocardiogram;

displaying an electrocardiogram in the output region based on the electrocardiogram measurement data;

determining a cardiac cycle of the electrocardiogram as a display object;

determining, based on data on the cardiac cycle, whether or not an electrocardiogram included in the cardiac cycle is displayed appropriately in the output region;

when it is determined that the electrocardiogram included in the cardiac cycle is not displayed appropriately in the output region due to a presence of the noise, scrolling the electrocardiogram for the cardiac cycle in the output region in a direction of cardiac electric potential variation components in order that the cardiac cycle to be displayed in the output region; and

wherein in said scrolling, the electrocardiogram is shifted in a direction of cardiac electric potential variation components without causing a deformation of waveform.

60. (Previously Presented) An electrocardiogram display method for displaying an electrocardiogram while performing a display position correction process in order that a cardiac cycle of an electrocardiogram based on electrocardiogram measurement data to be displayed in an output region, comprising the steps of:

receiving electrocardiogram measurement data;

determining a cardiac cycle of an electrocardiogram based on the electrocardiogram measurement data;

performing a display position correction process such that an electrocardiogram included in the cardiac cycle is displayed appropriately in the output region, in correlation, in terms of timing, with the process of determining a cardiac cycle; and

wherein when the electrocardiogram included in the cardiac cycle is not displayed appropriately, the electrocardiogram is shifted in a direction of cardiac electric potential variation components without causing a deformation of waveform.

61. (New) An electrocardiogram display method for displaying an electrocardiogram in an output region of a display based on electrocardiogram measurement data, comprising:

receiving electrocardiogram measurement data, the electrocardiogram measurement data including noise which affects a displayed position of the electrocardiogram;

displaying an electrocardiogram representing the electrocardiogram measurement data in the output region;

determining a cardiac cycle of the electrocardiogram as a display object;

determining, based on data on the cardiac cycle, whether or not an electrocardiogram included in the cardiac cycle is displayed appropriately in the output region; and

when it is determined that the electrocardiogram included in the cardiac cycle is not displayed appropriately in the output region, shifting the electrocardiogram displayed in the output region in a direction of cardiac electric potential, wherein the shifting is performed by changing respective coordinates of an upper limit, a lower limit and a median in a vertical direction by a predetermined number of units and then redrawing the electrocardiogram in the output region, wherein the electrocardiogram is shifted without causing a deformation of a waveform.